

Date: Thu, 28 Oct 93 23:58:50 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1280
To: Info-Hams

Info-Hams Digest Thu, 28 Oct 93 Volume 93 : Issue 1280

Today's Topics:

 **Death in Marine Corps Marathon???

 Alaksa Callsign Plates

 AX.25 Specifications on the net?

 BAUD VS BAUDS (2 msgs)

 BAUD VS BAUDS (warning, getting silly)

 ICOM 24AT problem **HELP**

 REPLY V93-1276

 SAREX Keps & Update 10/28

 SB nasa @ nasa < A66RMP \$01H4GUVBLI2A

 Special (vanity) calls

 US License Examination Opportunities Scheduled 10/28/93 to 1/24/94

 Vanity Callsign Rules

 Was 'Vanity' Call Signs, now paying for call signs

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 27 Oct 93 13:53:19 EST
From: pa.dec.com!nl.nuwc.navy.mil:userID%willie.nl.nuwc.navy.mil!@decwrl.dec.com
Subject: **Death in Marine Corps Marathon???

To: info-hams@ucsd.edu

Does anyone know about the runner who died after/during the Marine Corps
Marathon? I heard a rumor and I am just wondering if it is true.

...Greg

Date: 29 Oct 93 02:30:37 GMT
From: news-mail-gateway@ucsd.edu
Subject: Alaksa Callsign Plates
To: info-hams@ucsd.edu

>
>This is almost a complete change of subject, but I read recently in
>WorldRadio that car registration is free in Alaska for cars equipped with
>HF gear. How popular are HF, VHF, and UHF in Alaska?
>

That's almost a fact! If you're a General or above and have the capability to support HF in your vehicle, i.e. wiring harness in the cab, coax to the antenna support, antenna support in place, then you are entitled, by Alaska law, to free call sign plates.

The law was established by the Alaska legislature shortly after the 1964 Earthquake during which the only mode of communications in and out of Anchorage was HF ham radio.

VHF and UHF are very popular. They have almost as many repeaters as some of the big cities in the lower 48 plus extensive packet networks.

Date: Wed, 27 Oct 1993 17:48:01 GMT
From: news.kpc.com!amd!amdahl!netcomsv!netcom.com!btoback@decwrl.dec.com
Subject: AX.25 Specifications on the net?
To: info-hams@ucsd.edu

Is the full specification for AX.25 available on the net? Is the description of AX.25 in the ARRL Handbook adequate for writing PAD software?

Thanks,
-- Bruce Toback

Date: 27 Oct 93 13:07:10 EDT
From: pipex!sunic!psinnntp!psinnntp!arrl.org@uunet.uu.net
Subject: BAUD VS BAUDS
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, AGRI098@UNLVM.UNL.EDU (Roy) writes:
>IS THE TERM BAUD LIKE MOST PEOPLE USE OR IS IT BAUDS LIKE THE ARRL

>FOLKS USE?

I always heard that a baud was a change from one state to another on an analog data circuit; so, more than one such change would be so many bauds. On the other hand, one doesn't say WPMs when words per minute is being discussed, the plural of WPM is WPM.

Funny li'l language we have here!

CUL es 73 de BB

```

*****
Brian Battles, WS10    I Tel      203-666-1541, ext 222 I  "Radio amateurs
QST Features Editor   I Fax      203-665-7531          I  do it with high
ARRL HQ              I Internet  bbattles@arrl.org      I  frequency"
Newington, CT USA    I Amprnet  ws1o@ws1o.ampr.org [44.88.0.87]
*****

```

COMMENTS EXPRESSED HEREIN ARE MY OWN PERSONAL REMARKS AND ARE NOT TO BE
CONSIDERED OFFICIAL ARRL VIEWS OR POLICY..

Date: 27 Oct 93 13:11:35 EDT
From: pipex!sunic!psinntp!psinntp!arrl.org@uunet.uu.net
Subject: BAUD VS BAUDS
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, cravitma@pacific.uucp (Matthew B Cravit) writes:
>In article <199310261649.JAA01502@ucsd.edu> AGRI098@UNLVM.UNL.EDU (Roy) writes:
>>IS THE TERM BAUD LIKE MOST PEOPLE USE OR IS IT BAUDS LIKE THE
>>ARRL FOLKS USE?

>As I have always used it (as a computer person soon to hopefully be a
>Technician-class ham), I have always said "baud" as a synonym for
>"bps" or bits-per-second. It would seem that "bauds" would be like
>bits per second^2, or a measurement of the change in the transmission
>speed of data. Of course, I may be wrong.

And ARRL in-house style is "bit/s" (from the IEEE?). We also use "mi/h"
instead of MPH.

CUL es 73 de BB

```

*****
Brian Battles, WS10    I Tel      203-666-1541, ext 222 I  "Radio amateurs
QST Features Editor   I Fax      203-665-7531          I  do it with high

```

ARRL HQ I Internet bbattles@arrl.org I frequency"
Newington, CT USA I Amprnet ws1o@ws1o.ampr.org [44.88.0.87]
"....."

COMMENTS EXPRESSED HEREIN ARE MY OWN PERSONAL REMARKS AND ARE NOT TO BE
CONSIDERED OFFICIAL ARRL VIEWS OR POLICY..

Date: 28 Oct 93 15:55:18

From: olivea!korie!newscast.West.Sun.COM!news2me.EBay.Sun.COM!exodus.Eng.Sun.COM!
appserv.Eng.Sun.COM!appserv!rfm@uunet.uu.net
Subject: BAUD VS BAUDS (warning, getting silly)
To: info-hams@ucsd.edu

In article <cdm006-271093075713@magerlmac1.comm.mot.com> cdm006@email.mot.com
(Dick Magerl) writes:

>Look at it this way, a HERTZ is a cycle per second. Do we say HERTZS?

Of course not! The plural is "HERTZEN".

Rich

--

Rich McAllister (rfm@eng.sun.com)

Date: 27 Oct 93 16:38:20 GMT

From: dog.ee.lbl.gov!agate!msuinfo!netnews.upenn.edu!netnews.noc.drexel.edu!
coe.drexel.edu!jpw@network.ucsd.edu
Subject: ICOM 24AT problem **HELP**
To: info-hams@ucsd.edu

I am having trouble with my ICOM 24AT HT...

I turned it on last week, and nothing happened. Nope, it wasn't the battery,
I tried my external source...

There was some static (noise) coming out, but the display was dead, and
it wouldn't transmit, etc.

I used the reset sequence, the FN key and CLR + light, and it came back
to life, and appears to work, mostly...

but when I try to type in a frequency number, it only allows me to
enter the 3rd digit! i.e. if the display reads 144.100, and I type 152,
the display will read 141.52 ...

Is it in some silly mode that I can easily get out of, or is it
hosed?

Thanks,
Joe Wetstein, KA3VJY

--
Joseph Wetstein KA3VJY PPL-SEL

Date: 28 Oct 93 19:40:08 GMT
From: news-mail-gateway@ucsd.edu
Subject: REPLY V93-1276
To: info-hams@ucsd.edu

I'm uploading a file, BUG.ZIP, in response to David's (bogus@santafe.edu)
request for some information on bugging frequencies in issue 1276. Please give
the credit to the original source, and publish it for the benefit of all
readers if you feel it is useful.

On a different topic, we have a cellular surveillance interface that may be of
interest to those of your readers that are also scanner enthusiasts. We would
be pleased to send them an e-mail product brochure upon receipt of their
request.

Regards,

| | |
|---------------------------------|----------------------------------|
| Bill Fischer | Internet: bill.fischer@cuc.ab.ca |
| Electronic Countermeasures Inc. | Voice: +1-403-233-0644 |
| 65 - 31 Avenue South West | |
| Calgary, AB, CANADA T2S 2Y7 | |

UUENCODED file attachment

BEGIN--cut here--CUT HERE

begin 600 bug.zip

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end

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Date: 29 Oct 93 01:35:51 GMT
From: news-mail-gateway@ucsd.edu
Subject: SAREX Keps & Update 10/28
To: info-hams@ucsd.edu

SB SAREX @ AMSAT \$STS-58.026
SAREX Keps & Update 10/28

Thursday 10/29/93 @ 01:00 UTC

All scheduled SAREX school and personal contacts are complete. This mission was, by far, the most successful from a school group success standpoint. Only 2 school group and 1 personal contacts had to be repeated. The probability of a successful school contact on the first attempt was nearly 90% for this mission. During previous missions, our success rate was between 66-75% The majority of the schools had horizon to horizon contacts and many schools had 10 or more questions answered. The SAREX Working Group wishes to thank the school group volunteers for their outstanding efforts, the AMSAT technical mentors who coached the schools prior to the contact, and those who helped in the Mission Control Customer Support room; particularly John Nickel, WD5EEV, and Karen Nickel, WD5EEU.

Because all scheduled SAREX activities are now complete, several additional general QSO opportunities are now available. While the SAREX Working Group cannot fully guarantee that the crew will be operating, there is a high probability that the STS-58 astronauts will be ready to take general calls over the continental U.S. on these passes. A total of FOUR "scheduled"

passes are now available. The two mentioned in previous bulletins include orbit 178 at MET 11 days 1 hour 42 minutes (10/29 at 16:35 UTC) and orbit 192 at MET 11 days 22 hours and 29 minutes (10/30 at 13:22 UTC). In addition, two other "scheduled" passes are now available. These include a pass on orbit 176 at MET 10 days 22 hours 18 minutes (10/28 at 13:11 UTC) and a pass on orbit 193 at MET 12 days 0 hours 6 minutes (10/30 at 14:49 UTC). Please note that many hams on the ground heard or worked the Shuttle Columbia crew on several orbits today.

Element set GSFC-031, generated by Ron Parise, WA4SIR, will continue to be the official SAREX element set. When last checked by Gil Carman, WA5NOM, there was less than a one second difference between the orbiter state vector and element set GSFC-031.

STS-58

```
1 22869U 93065A   93300.17699070 0.00133671  99048-5  24183-3 0   318
2 22869  39.0252  71.9896 0012817  34.2105 325.9529 16.00500857  1383
```

Satellite: STS-58

Catalog number: 22869

Epoch time: 93300.17699070 (27 OCT 93 04:14:51.** UTC)

Element set: GSFC-031

Inclination: 39.0252 deg

RA of node: 71.9896 deg Space Shuttle Flight STS-58

Eccentricity: 0.0012817 Keplerian Elements

Arg of perigee: 34.2105 deg

Mean anomaly: 325.9529 deg

Mean motion: 16.00500857 rev/day Semi-major Axis: 6651.1630 Km

Decay rate: 0.13E-02 rev/day*2 Apogee Alt: 281.30 Km

Epoch rev: 138 Perigee Alt: 264.25 Km

NOTE - This element set is based on NORAD element set # 031.

The spacecraft has been propagated to the next ascending node, and the orbit number has been adjusted to bring it into agreement with the NASA numbering convention.

Submitted by Frank H. Bauer, KA3HDO for the SAREX Working Group

/EX

Date: 29 Oct 93 06:50:10 GMT

From: news-mail-gateway@ucsd.edu

Subject: SB nasa @ nasa < A66RMP \$01H4GUVBLI2A

To: info-hams@ucsd.edu

R:931028/2212Z @:WA7BHH.WA.USA.NA [Tacoma] #:12272 Z:98465 FBB5.15
 R:931028/1925Z @:W7GCI.WA.USA.NA [Tacoma] #:34652 Z:98499 FBB5.15
 R:931028/1439Z @:W0RA.#SECO.CO.USA.NA [YODER] FBB5.14d #:80523
 R:931028/1301Z @:N8GTC.#CIN.IN.USA.NOAM Brookville #:46903 Z:47012
 R:931028/1113z 28602@W90J.IN.USA.NA
 R:931028/1054z 21475@N5CEC.IN.USA.NA
 R:931028/0228Z @:KK9G.#CEIN.IN.USA.NA [Indianapolis,In.] #:21179
 R:931028/0231Z @:N5AAA.#CEIN.IN.USA.NA [Noblesville] #:34801
 R:931027/1154Z @:KD9LP.#NCIN.IN.USA.NA [Amboy] #:26022 Z:46911 FBB5.15
 R:931027/0918Z @:NU9H.#NWIN.IN.USA.NA [MIDWEST SATGATE] #:15557
 R:931025/2235z @:WA8URE.#SWMI.MI.USA.NA Grand Rapids #:35721 Z:49508

STS-58 Keps (Orbit 58)

STS-58 element set JSC-010 (orbit 53)

STS-58

| | | | | | | | | | | |
|---|--------|---------|----------|---------|----------------|-----------|-------------|---------|---|-----|
| 1 | 22869U | 93 | 65 | A | 93294.86836529 | .00191327 | 00000-0 | 25999-3 | 0 | 108 |
| 2 | 22869 | 39.0211 | 107.4394 | 0004523 | 319.1598 | 40.8836 | 15.96428488 | 535 | | |

Satellite: STS-58

Catalog number: 22869

Epoch time: 93294.86836529 = (21 OCT 93 20:50:26.76 UTC)

Element set: 010

Inclination: 39.0211 deg

RA of node: 107.4394 deg

Eccentricity: .0004523

Arg of perigee: 319.1598 deg

Mean anomaly: 40.8836 deg

Mean motion: 15.96428488 rev/day

Decay rate: 1.91327e-03 rev/day~2

Epoch rev: 53

Checksum: 331

Space Shuttle Flight STS-58
 Keplerian Element set JSC-010
 from NASA flight Day 4 vector

G. L. Carman

NASA Johnson Space Center

G.L.CARMAN

***** STS-58 STATE VECTOR*****

FLIGHT DAY 5 STATE VECTORS

ON ORBIT OPERATIONS

(Posted 10/22/93 by Roger Simpson)

The following vector for the flight of STS-58 is provided by NASA Johnson Space Center, Flight Design and Dynamics Division for use in ground track plotting programs. The vector represents the trajectory of Columbia during on orbit operations.

Lift off Time : 1993/291/14:53:09.974
Lift off Date : 10/18/93

Vector Time (GMT) : 295/14:00:00.00
Vector Time (MET) : 003/23:06:50.030
Orbit Count : 64
Weight : 242925.0 LBS
Drag Coefficient : 2.00
Drag Area : 3000.0 SQ FT

| M50 Elements | | Keplerian Elements | |
|--------------|----------------------|--------------------|-----------------|
| ----- | | ----- | |
| X | = -2637440.4 FT | A | = 3600.1079 NM |
| Y | = -20942782.5 FT | E | = 0.001033 |
| Z | = 5675641.8 FT | I (M50) | = 39.27150 DEG |
| Xdot | = 19697.390013 FT/S | Wp (M50) | = 113.55002 DEG |
| Ydot | = -6469.479637 FT/S | RAAN (M50) | = 102.02088 DEG |
| Zdot | = -14650.898454 FT/S | / N (True) | = 42.23202 DEG |
| Anomalies | | \ M (Mean) | = 42.15251 DEG |
| | | Ha | = 155.421 NM |
| | | Hp | = 150.294 NM |

Mean of 1950 (M50) : Inertial, right-handed Cartesian system whose
Coordinate System origin is the center of the earth. The epoch
is the beginning of the Besselian year 1950.
X axis: Mean vernal equinox of epoch
Z axis: Earth's mean rotational axis of epoch
Y axis: Completes right-hand system

| | |
|---|-----------------------|
| A: Semi-major axis | N: True anomaly |
| E: Eccentricity | M: Mean anomaly |
| I: Inclination | Ha: Height of apogee |
| Wp: Argument of perigee | Hp: Height of perigee |
| RAAN: Right ascension of ascending node | |

Columbia will perform a 14 fps retrograde orbit adjust maneuver at
5/06:50 MET. The next state vector update will be performed after this
maneuver has been completed.

Questions regarding these postings may be addressed to Roger Simpson,
Mail Code DM4, L. B. J. Space Center, Houston, Texas 77058,

POSTED BY SSTICH AT VMSPFHOU ON VMSPFHOU.VMBOARDS:PAONEWS

Ron Pogue (KD9QB) Primary Internet Address: a66rmp%andv02@gm.r.com

CIS: 71036,1001 AMSAT Internet Address: kd9qb@AmSat.org
Fax: 1-317-773-1463 (24Hrs) Alternate Internet Address: rpogue@gmr.com
Home: 1-317-773-4936 (7-9PM EST) Packet Address: kd9qb@wj9u.in.usa.na

Date: 27 Oct 1993 13:20:25 -0500
From: cs.utexas.edu!geraldo.cc.utexas.edu!emx.cc.utexas.edu!not-for-mail@uunet.uu.net
Subject: Special (vanity) calls
To: info-hams@ucsd.edu

If this ever comes to pass, perhaps they should let the morris fans have the calls with the short letters, or those that have a nice rhythm (ESE et al). You could be tested on morris speed, and all those who can copy 40+ wpm get to choose the calls with lots of Es, for 30-40 wpm you get those with Is etc. No-coders, including the Extras who can't recognize their own calls at 10 wpm, get the calls that have Q, Y, J and all the other junk. Simple.

I dunno how much I'd pay to get a call like AA5EEE, but I'd certainly pay something not to get WJ0QJY.

Derek "E E" Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

Date: Thu, 28 Oct 1993 12:00:45 MDT
From: headwall.Stanford.EDU!agate!usenet.ins.cwru.edu!lerc.nasa.gov!
magnus.acs.ohio-state.edu!math.ohio-state.edu!cyber2.cyberstore.ca!nntp.cs.ubc.ca!
alberta!nebulus!ve6mgs!usenet@@unix.sri.com
Subject: US License Examination Opportunities Scheduled 10/28/93 to 1/24/94
To: info-hams@ucsd.edu

AMATEUR RADIO EXAMINATION OPPORTUNITIES

Special Note: Amateur Radio licenses usually arrive between 8 and 10 weeks after the test session. The FCC considers their processing time to be 90 days--from the date they receive the application. The FCC usually receives the application one

to two weeks after the test session (once the VE Team and the coordinating VEC have completed their processing).

Note: Codeless Technician to Technician w/HF upgraders (who pass a Morse code test) will not receive a new license from the FCC. The existing Technician license plus the CSCE conveying the Morse code test credit is the only documentation issued for use of the additional HF privileges.

The following test session information is provided by the ARRL/VEC for the upcoming six to eight week period. For further information, please contact the test session CONTACT PERSON at the telephone number provided. If necessary, you may contact the ARRL/VEC at 203-666-1541 x282 for additional information. Electronic mail may be forwarded to the ARRL/VEC via USENET at "bjahnke@arrl.org" or via MCI Mail to MCI ID: 215-5052.

Although the test session information presented here does not indicate whether walk-ins are accepted or not, most test sessions do allow walk-ins. We encourage you, however, to always contact the CONTACT PERSON at the telephone number provided so that the VE Team is aware that you be attending the test session.

STILL NEED TO PREPARE FOR YOUR EXAM?

If you would like information on how to become licensed; or how to locate Amateur Radio clubs, instructors, licensing classes and/or Novice examiners in your area; please contact the ARRL Educational Activities Department (EAD) at 203-666-1541 x219. The EAD can also provide information on recommended study materials. Electronic mail may be forwarded to the ARRL EAD via USENET at "rwhite@arrl.org" or via MCI Mail to MCI ID: 215-5052.

EXAM LISTINGS - DEFINITION OF FIELDS

STATE

Test Date, VEC, City, , Contact Phone, Contact Person

The SECOND field in the following listing specifies the VEC

which is coordinating this examination. This single-character designator denotes the VEC as defined below. An "A" (for example) indicates that this examination is coordinated by the ARRL/VEC.

For further information on any examinations listed, or if you do not find any examinations listed for your area, you may contact any of the coordinating VECs below.

A = ARRL/VEC, 225 Main St, Newington, CT 06111; (d) 203-666-1541
The 1993 Test Fee is \$5.60.

X = Anchorage ARC, 2628 Turnagain Parkway, Anchorage, AK 99517;
(d) 907-786-8121, (n) 907-243-2221 (or) 907-276-5121
(or) 907-274-5546

C = Central Alabama VEC, 1215 Dale Dr SE, Huntsville, AL 35801;
205-536-3904

N = Charlotte VEC, 227 Bennett Ln, Charlotte, NC 28213;
704-596-2168

D = Great Lakes ARC VEC Inc., PO Box 273, Glenview, IL 60025;
708-486-8019

E = Golden Empire ARS, PO Box 508, Chico, CA 95927; No phone.

G = Greater Los Angeles ARG, 9737 Noble Ave, Sepulveda, CA 91343;
818-892-2068, 805-822-1473.

J = Jefferson ARC, PO Box 24368, New Orleans, LA 70184-4368; No phone

K = Koolau ARC, 45-529 Nakulua St, Kaneohe, HI 96744;
808-235-4132

L = Laurel ARC Inc., PO Box 3039, Laurel, MD 20709-0039;
(d) 301-572-5124, 301-317-7819, (n) 301-588-3924

M = The Milwaukee RAC Inc., 1737 N 116th St, Wauwatosa, WI 53226;
414-774-6999. Test fee for 1993 is \$5.00.

H = Mountain ARC, PO Box 10, Burlington, WV 26710; 304-289-3576,
301-724-0674

P = PHD ARA Inc., PO Box 11, Liberty, MO 64068; 816-781-7313

R = Sandarc-VEC, PO Box 2446, La Mesa, CA 91943-2446; 619-465-3926

S = Sunnyvale VEC ARC, PO Box 60307, Sunnyvale, CA 94088-0307;
408-255-9000

T = Triad Emergency ARC, 3504 Stonehurst Pl, High Point, NC 27265;
919-841-7576

W = Western Carolinas ARS VEC, 5833 Clinton Hwy - Suite 203,
Knoxville, TN 37912-2500; 615-688-7771.
The 1993 Test Fee is \$5.60.

5 = W5YI-VEC, PO Box 565101, Dallas, TX 75356-5101; 817-461-6443
The 1993 Test Fee is \$5.60.

EXAMINATIONS OPPORTUNITIES SCHEDULED OUTSIDE THE UNITED STATES:

AMERICAN SAMOA
10/30/93,A,Mapusaga Village,,684-699-2420,Michael Homsany

BAHAMAS
10/30/93,A,Bahamas,,809-368-2188,Robert Hagans

ENGLAND
11/06/93,A,Shefford England,,0462-812571,Leland Vandervort

GERMANY
01/08/94,A,Germany,,49-0-67253462,Stephen Hutchins, KN6G

GUAM
12/12/93,A,Adelup,,627-646-7611,Harry Y Taguchi

*EOF

Date: Wed, 27 Oct 1993 16:24:15 GMT
From: news.kpc.com!amd!amdahl!netcomsv!netcom.com!jfh@decwrl.dec.com
Subject: Vanity Callsign Rules
To: info-hams@ucsd.edu

mrz@maverick.aud.alcatel.com (Kris Mrz) wrote:

>In NEWSLINE #844 the story SPECIAL CALLS says:

>

>The FCC "...wants input on the subject of issuing personalized vanity
>calls signs...".

>

>Let me propose the following for discussion:

> 3. The number in the regular callsign must indicate the
> call area of your mailing address.

This isn't a particularly useful rule. Anyone can get a mailing address wherever they want.

> 4. The callsign must have never been assigned or must have
> been unassigned for two years. [See also rule 8 below].

> 8. Previously held callsigns will become invalid and available
> for reissue immediately upon issuance of the regular
> vanity callsign. [The one year grace period in rule 7 is waived].

Aren't #4 and #8 contradictory?

> 9. A special, short-term vanity callsigns shall be available
> for a term of two months.

Why two months? Why not a term to be decided by the FCC and the applicant?

> 11. Short-term callsigns shall have a special two letter
> prefix, such as NX, and a two or three letter suffix.

Why not 2x1?

> 14. Short-term callsigns shall become available for re-issued
> immediately when they expire.

Isn't this the same as making them renewable?

--

Jack Hamilton POB 281107 SF CA 94128 USA
jfh@netcom.com kd6ttl@w6pw.#nocal.ca.us.na

Date: 27 Oct 1993 17:28:08 GMT
From: elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!math.ohio-state.edu!
howland.reston.ans.net!vixen.cso.uiuc.edu!cs.uiuc.edu!news1.oakland.edu!
vela.acs.oakland.edu!prvalko@ames.arpa
Subject: Was 'Vanity' Call Signs, now paying for call signs
To: info-hams@ucsd.edu

Doug,

I don't think it will be a problem. As we all are assuming, the fee will only be charged for people wanting to get a vanity callsign i.e. a short and/or cute call for DX and contest work... or even just for the hell of it.

73 paul wb8zjl

End of Info-Hams Digest V93 #1280
